A2575-1

American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 66 For Week Ended December 27, 1985 NO. 52

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 12/27/85	Last Week Ending: 12/20/85	Last Year Week Ending: 12/28/84	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	12,876	12,790	11,934	86	942
Operable capacity	15,638	15,638	16,074	0	-436
Percent operated	82.3	81.8	74.2		
Motor Gasoline					
Total motor gasoline production	6,517	6,591	6,412	-74	105
Finished leaded motor gasoline production	2,169	2,125	2,319	44	-150
Finished unleaded motor gasoline production	4,348	4,466	4,093	-118	255
Total motor gasoline stocks	224,095	221,697	240,787	2,398	-16,692
Finished leaded motor gasoline stocks	78,636	76,326	90,806	2,310	-12,170
Finished unleaded motor gasoline stocks	109,892	110,385	110,019	-493	-127
Distillate Fuel Oil					
Distillate fuel oil production	3,226	3,035	2,855	191	371
Distillate fuel oil stocks	144,345	140,966	157,333	3,379	-12,988
Residual Fuel Oil					
Residual fuel oil production	1,020	981	997	39	23
Residual fuel oil stocks	47,930	46,774	53,338	1,156	-5,408
Imports					
Crude oil imports	3,474	3,309	2,317	165	1,157
Product imports	1,593	2,449	1,660	-856	-67
Crude Oil Stocks					
Crude oil stocks	318,007	320,566	338,423	-2,559	-20,416

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 289-6949

NA-Not Available

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,279	1,126	1,143	1,484	77.0
Appal. No. 1	134	127	127	114	111.4
DISTRICT 1 TOTAL	1,413	1,253	1,270	1,598	79.5
Appal. No. 2	67	64	64	66	97.0
Ind., Ill., Ky.	1,987	1,780	1,785	2,175	82.1
Minn., Wis., Daks.	313	300	301	301	100.0
Okla., Kans., Mo.	678	608	625	714	87.5
DISTRICT 2 TOTAL	3,045	2,752	2,775	3,256	85.2
Inland Texas	505	447	481	547	87.9
Texas Gulf Coast	3,292x	2,887x	3,001x	3,706	81.0x
La. Gulf Coast	2,544x	2,284	2,296	2,617	87.7
N. La. and Ark.	208	198	202	256	78.9
New Mexico	73	64	64	68	94.1
DISTRICT 3 TOTAL	6,622x	5,880x	6,044x	7,194	84.0x
DISTRICT 4 TOTAL	436	418	421	575	73.2
DISTRICT 5 TOTAL	2,486x	2,361	2,366	3,015	78.5
TOTAL U.S.	14,002	12,664	12,876	15,638	82.3
TOTAL U.S.					
Weeks Ended:					
DEC. 20, 1985	13,981x	12,608x	12,790x	15,638	81.8x
DEC. 28, 1984	12,879	11,752	11,934	16,074	74.2
DISTRICTS 1-4					
Weeks Ended:					
DEC. 27, 1985	11,516	10,303	10,510	12,623	83.3
DEC. 20, 1985	11,598x	10,357x	10,539x	12,623	83.5x
DEC. 28, 1984	10,530	9,577	9,754	12,920	75.5

*See Revisions on Page 7

API WEEKLY STATISTICAL BULLETIN
Week Ended December 27, 1985

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	589	155	434	12	46	379	124
Appal. No. 1	52	27	25	--	--	33	3
DISTRICT 1 TOTAL	641	182	459	12	46	412	127
Appal. No. 2	42	17	25	--	1	18	2
Ind., Ill., Ky.	1,055	287	768	15	89	451	79
Minn., Wis., Daks.	152	46	106	4	15	79	13
Okla., Kans., Mo.	412	207	205	1	24	203	7
DISTRICT 2 TOTAL	1,661	557	1,104	20	129	751	101
Inland Texas	294	128	166	25	30	104	31
Texas Gulf Coast	1,553*	540*	1,013	40	308	727	187
La. Gulf Coast	1,057	312	745	25	277*	610	84
N. La. and Ark.	55	19	36	6	--	62	11
New Mexico	36	19	17	9	1	15	--
DISTRICT 3 TOTAL	2,995*	1,018*	1,977	105	616*	1,518	313
DISTRICT 4 TOTAL	226	116	110	10	27	109	9
DISTRICT 5 TOTAL	994*	296*	698*	61	254	436	470
TOTAL U.S.	6,517	2,169	4,348	208	1,072	3,226	1,020
TOTAL U.S. Weeks Ended:							
DEC. 20, 1985	6,591*	2,125*	4,466*	190	1,007*	3,035	981
DEC. 28, 1984	6,412	2,319	4,093	219	916	2,855	997
DISTRICTS 1-4 Weeks Ended:							
DEC. 27, 1985	5,523	1,873	3,650	147	818	2,790	550
DEC. 20, 1985	5,554*	1,764*	3,790	134	747*	2,632	600
DEC. 28, 1984	5,390	1,953	3,437	171	680	2,514	654

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.
[2]Includes Grade No. 4 fuel oil.
*See Revisions on Page 7
NA-Not Available

API WEEKLY STATISTICAL BULLETIN
Week Ended December 27, 1985

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	5,347	1,921	3,425	1	180	593	9,006*	999	--
Central Atlantic	30,627*	10,067*	16,362*	4,198	418	5,512	34,942*	15,235*	13,127
Lower Atlantic	28,933	10,912	17,759	262	383	4,435	17,387*	3,895	413
DISTRICT 1 TOTAL	64,907*	22,900*	37,546*	4,461	981	10,540	61,335*	20,128*	13,540
DISTRICT 2 TOTAL	59,827*	24,582*	29,143*	6,102	1,088*	7,500	36,458*	4,124	17,306
DISTRICT 3 TOTAL	64,848*	20,086*	29,265*	15,497	2,461	12,721	30,914*	12,361	54,000*
DISTRICT 4 TOTAL	6,774	2,581	2,171	2,022	429	461	3,312	436	2,307
DISTRICT 5 TOTAL	27,739*	8,487	11,767*	7,485	1,683	4,630	12,326	10,881*	22,716
TOTAL U.S.	224,095	78,636	109,892	35,567	6,642	35,852	144,345	47,930	109,869
TOTAL U.S. Weeks Ended:									
DEC. 20, 1985	221,697*	76,326*	110,385*	34,986	6,478*	36,363	140,966*	46,774*	111,626*
DEC. 28, 1984	240,787	90,806	110,019	39,962	7,122	36,925	157,333	53,338	98,137
DISTRICTS 1-4 Weeks Ended:									
DEC. 27, 1985	196,356	70,149	98,125	28,082	4,959	31,222	132,019	37,049	87,153
DEC. 20, 1985	194,845*	67,391*	98,832*	28,622	4,809*	31,596	129,397*	37,016*	88,305*
DEC. 28, 1984	211,724	81,065	98,487	32,172	5,428	31,096	145,369	44,475	73,657

[1] Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2] Includes Grade No. 4 fuel oil.

*See Revisions on Page 7

NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended December 27, 1985

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Latest Dept. of Energy Aug. 1985	Crude Oil Imports[1] Total	From Canada	Crude Oil Stocks By Location[1]
		Daily Average			
DISTRICTS 1-4 TOTAL					
DEC. 27, 1985	5,943.5	5,862.0	3,319	557	240,249
DEC. 20, 1985	5,943.5	--	3,155	510	242,648*
DEC. 13, 1985	5,943.5	--	3,297	548	245,302
DEC. 6, 1985	5,945.5	--	4,338	588	243,131
DISTRICT 5 TOTAL					
DEC. 27, 1985	3,001.8	2,970.0	155	--	77,758 ♦
DEC. 20, 1985	3,001.8	--	154	2	77,918*
DEC. 13, 1985	3,001.8	--	175	12	75,235
DEC. 6, 1985	2,955.2	--	102	7	79,119
♦INCLUDES 27,255 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER. *					
TOTAL U.S.					
DEC. 27, 1985	8,945.3	8,832.0	3,474	557	318,007 ♦
DEC. 20, 1985	8,945.3	--	3,309	512	320,566*
DEC. 13, 1985	8,945.3	--	3,472	560	320,537
DEC. 6, 1985	8,900.7	--	4,440	595	322,250
DEC. 28, 1984	8,897.0 /a	--	2,317	240	338,423

/a - DOE actual for December 1984.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
DEC. 27, 1985	13,550	69,102	145,470	12,127	240,249	77,758 ♦	318,007 ♦
DEC. 20, 1985	13,753	67,630*	149,658*	11,607	242,648*	77,918*	320,566*
DEC. 28, 1984	14,137	76,217	154,511	14,036	258,901	79,522	338,423

[1]See definitional notes, Page 6

*See Revisions on Page 7

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline		Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oil[3]	Other	Total
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type						
New England	--	--	--	--	--	--	--	3	--	--	3
Central Atlantic	159	48	111	5	11	137	2	18	65	51	448
Lower Atlantic	130	15	115	--	--	132	176	--	--	--	438
DISTRICT 1 TOTAL											
DEC. 27, 1985	289	63	226	5	11	269	178	21	65	51	889
DEC. 20, 1985	312	92	220	--	17	384	740	33	104	74	1,664
DEC. 13, 1985	180	30	150	--	35	277	652	14	107	45	1,310
DEC. 6, 1985	316	108	208	5	34	263	244	27	69	59	1,017
DISTRICTS 2–4 TOTAL											
DEC. 27, 1985	40	10	30	--	--	41	11	221	247	48	608
DEC. 20, 1985	38	8	30	--	--	44	63	139	331	54	669
DEC. 13, 1985	27	5	22	--	--	4	38	186	168	89	512
DEC. 6, 1985	39	10	29	--	--	6	28	150	251	44	518
DISTRICT 5 TOTAL											
DEC. 27, 1985	45	20	25	--	8	16	4	10	5	8	96
DEC. 20, 1985	38	17	21	--	9	23	21	8	5	12	116
DEC. 13, 1985	56	12	44	--	8	7	12	5	4	4	96
DEC. 6, 1985	35	18	17	--	8	11	9	5	5	28	101
TOTAL U.S.	374	93	281	5	19	326	193	252	317	107	1,593
TOTAL U.S. Weeks Ended:											
DEC. 20, 1985	388	117	271	--	26	451	824	180	440	140	2,449
DEC. 13, 1985	263	47	216	--	43	288	702	205	279	138	1,918
DEC. 6, 1985	390	136	254	5	42	280	281	182	325	131	1,636
DEC. 28, 1984	155	63	92	--	--	260	589	226	18	412	1,660

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil.

[3]See definitional notes, Page 6.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

REVISIONS

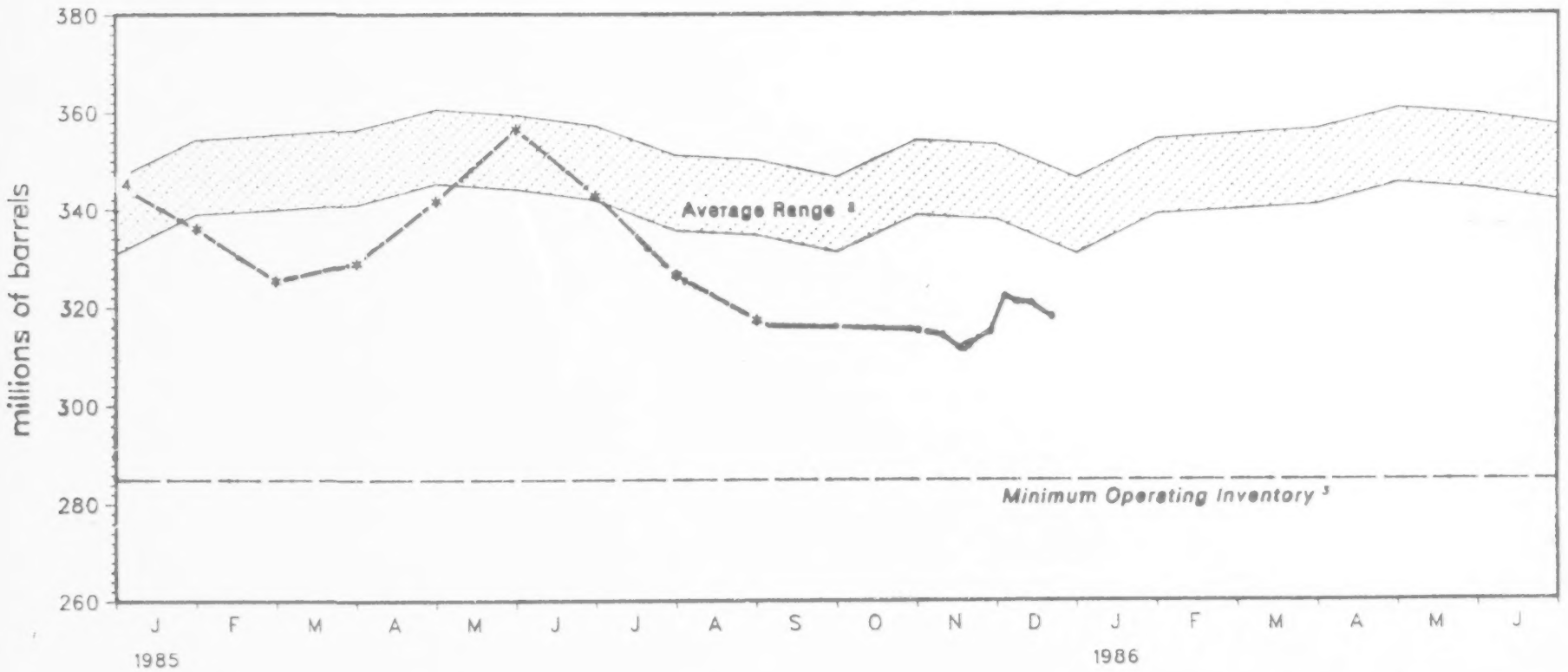
12/20/85	PAGE 1	TOTAL REFINERY INPUT	TEXAS GULF COAST	3,441
			LA. GULF COAST	2,495
			DISTRICT 3 TOTAL	6,709
			DISTRICT 5 TOTAL	2,383
			TOTAL U.S.	13,981
			DISTRICTS 1-4	11,598
		CRUDE OIL RUNS	TEXAS GULF COAST	2,961
			DISTRICT 3 TOTAL	5,889
			TOTAL U.S.	12,608
			DISTRICTS 1-4	10,357
		INPUT TO CRUDE OIL	TEXAS GULF COAST	3,083
			DISTRICT 3 TOTAL	6,046
			TOTAL U.S.	12,790
			DISTRICTS 1-4	10,539
		% OPERABLE	TEXAS GULF COAST	83.2
			DISTRICT 3 TOTAL	84.0
			TOTAL U.S.	81.8
			DISTRICTS 1-4	83.5
	PAGE 2	TOTAL MGAS	TEXAS GULF COAST	1,598
			DISTRICT 3 TOTAL	3,055
			DISTRICT 5 TOTAL	1,037
			TOTAL U.S.	6,591
			DISTRICTS 1-4	5,554
		LEADED MGAS	TEXAS GULF COAST	532
			DISTRICT 3 TOTAL	989
			DISTRICT 5 TOTAL	361
			TOTAL U.S.	2,125
			DISTRICTS 1-4	1,764
		UNLEADED MGAS	DISTRICT 5 TOTAL	676
			TOTAL U.S.	4,466
		KEROSINE JET	LA. GULF COAST	281
			DISTRICT 3 TOTAL	584
			TOTAL U.S.	1,007
			DISTRICTS 1-4	747
	PAGE 3	TOTAL MGAS	CENTRAL ATLANTIC	31,158
			DISTRICT 1 TOTAL	65,128
			DISTRICT 2 TOTAL	57,798
			DISTRICT 3 TOTAL	65,269
			DISTRICT 5 TOTAL	26,852
			TOTAL U.S.	221,697
			DISTRICTS 1-4	194,845
		LEADED MGAS	CENTRAL ATLANTIC	9,374
			DISTRICT 1 TOTAL	22,038
			DISTRICT 2 TOTAL	22,573
			DISTRICT 3 TOTAL	20,078

API STATISTICAL BULLETIN
WEEK ENDED: DEC. 27, 1985

REVISIONS

		TOTAL U.S.	76,326
		DISTRICTS 1-4	67,391
	UNLEADED MGAS	CENTRAL ATLANTIC	17,545
		DISTRICT 1 TOTAL	38,639
		DISTRICT 2 TOTAL	28,320
		DISTRICT 3 TOTAL	29,657
		DISTRICT 5 TOTAL	11,553
		TOTAL U.S.	110,385
		DISTRICTS 1-4	98,832
	NAPHTHA JET	DISTRICT 2 TOTAL	1,057
		TOTAL U.S.	6,478
		DISTRICTS 1-4	4,809
	DISTILLATE FUEL	NEW ENGLAND	9,531
		CENTRAL ATLANTIC	33,814
		LOWER ATLANTIC	17,263
		DISTRICT 1 TOTAL	60,608
		DISTRICT 2 TOTAL	36,195
		DISTRICT 3 TOTAL	29,628
		TOTAL U.S.	140,966
		DISTRICTS 1-4	129,397
	RESIDUAL FUEL	CENTRAL ATLANTIC	15,191
		DISTRICT 1 TOTAL	19,809
		DISTRICT 5 TOTAL	9,758
		TOTAL U.S.	46,774
		DISTRICTS 1-4	37,016
	UNFINISHED OILS	DISTRICT 3 TOTAL	55,067
		TOTAL U.S.	111,626
		DISTRICTS 1-4	88,305
PAGE 4 T	CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	242,648
		DISTRICT 5 TOTAL	77,918
		TOTAL U.S.	320,566
	ALASKAN CRUDE OIL	DISTRICT 5 TOTAL	24,743
PAGE 4 B	TOTAL	PAD DISTRICT 2	67,630
		PAD DISTRICT 3	149,658
		TOTAL PAD DISTRICTS 1-4	242,648
		PAD DISTRICT 5	77,918
		TOTAL U.S.	320,566

Crude Oil Stocks at Primary Level [1] [5]



[1] *Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.*

[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1982 - June 1985. The seasonal pattern is based on seven years of monthly data: July 1977 - June 1984.*

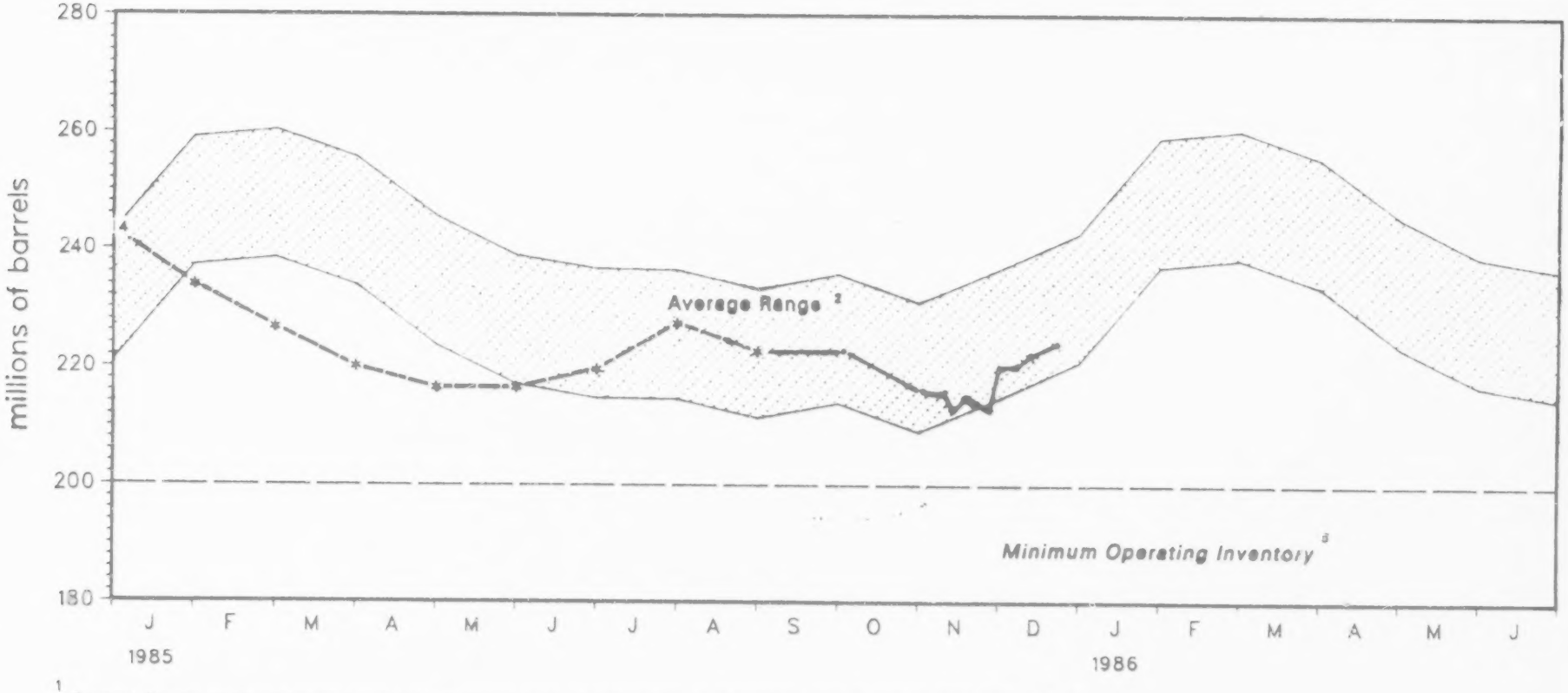
[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for crude oil at 285 million barrels.*

[4] *Source: *——EIA, Energy Data Reports, Petroleum Statement, Monthly.*
•——API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*

Week Ended December 27, 1985

Motor Gasoline Stocks at Primary Level [1] [5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1982 – June 1985. The seasonal pattern is based on six years of monthly data: July 1978 – June 1984.

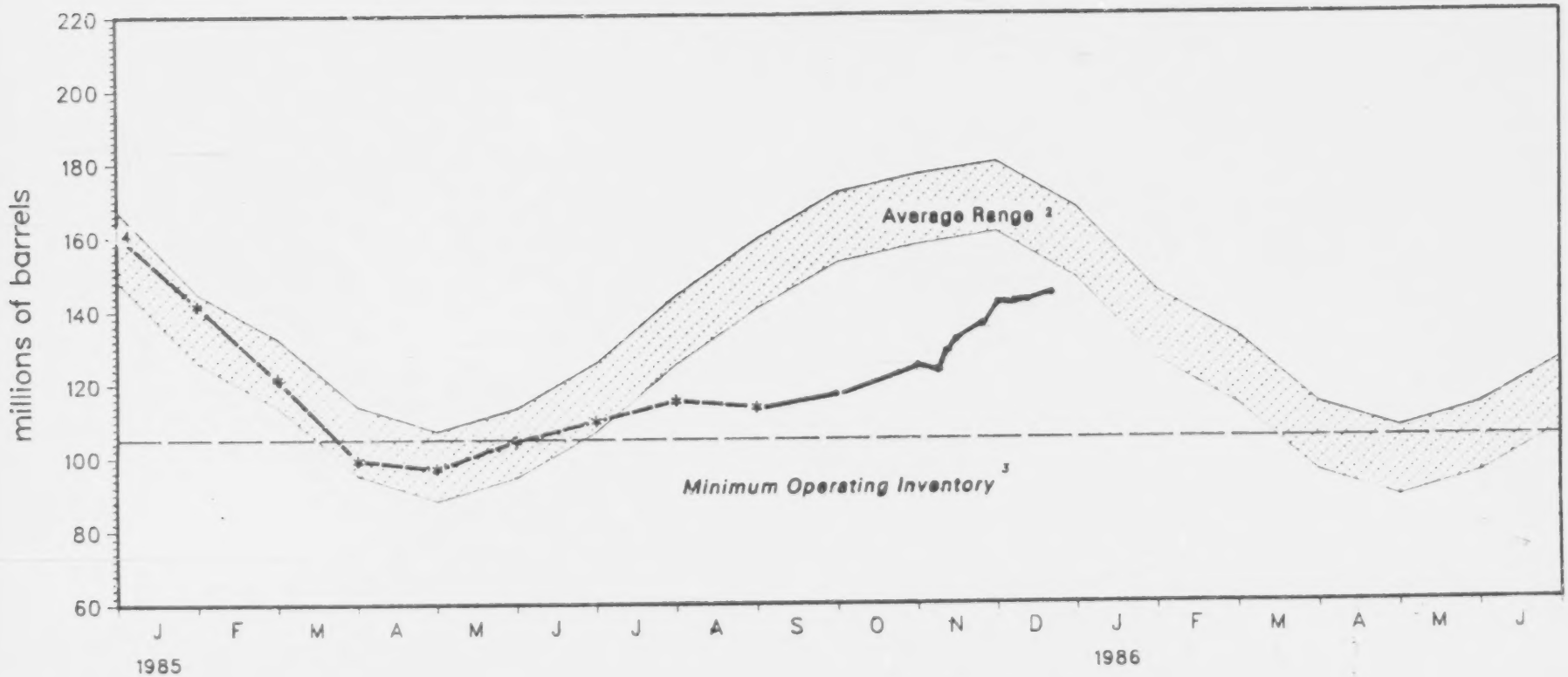
[3] The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for motor gasoline at 200 million barrels.

[4] Source: *—— EIA, Energy Data Reports, Petroleum Statement, Monthly.
°—— API, Weekly Statistical Bulletin.

[5] The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.

Week Ended December 27, 1985

Distillate Fuel Oil Stocks at Primary Level [1] [5]



[1] *Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.*

[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1982 – June 1985. The seasonal pattern is based on seven years of monthly data: July 1977 – June 1984.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for distillate fuel oil at 105 million barrels.*

[4] *Source: *—— EIA, Energy Data Reports, Petroleum Statement, Monthly.*
•—— API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*